

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DESIGN OVERSIGHT

BEHZAD GOLEMOHAMMADI

REVISOR

DATE

SYN

FW

CHECKED BY

DESIGNED BY

DATE

REVISED BY

DATE

REVISED BY

DATE



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

SYN YEE CHIN

No. 18186

Exp. 09/30/2011

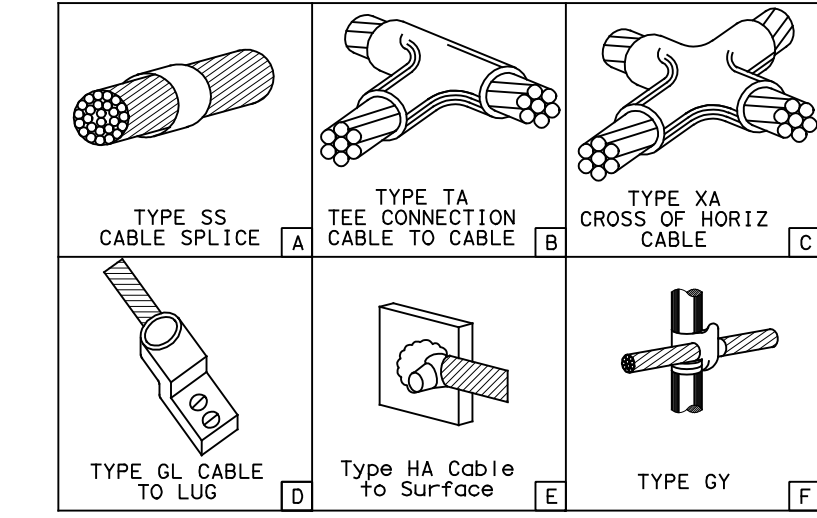
REGISTERED PROFESSIONAL ENGINEER

ELECTRICAL

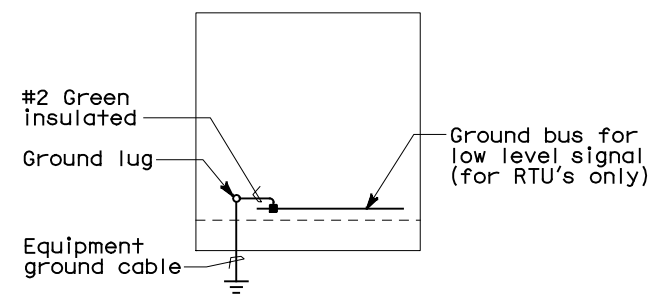
STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

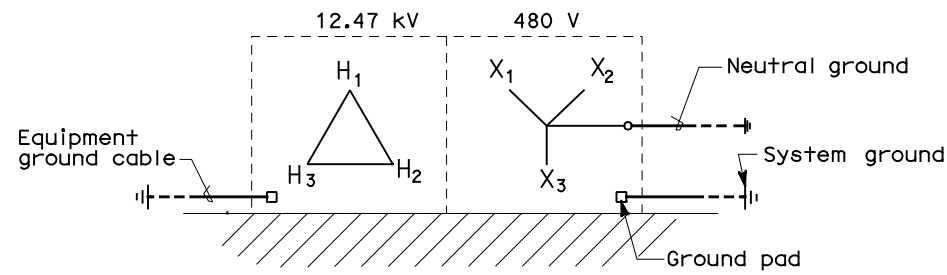
Caltrans now has a web site To get to the web site, go to <http://www.dot.ca.gov>



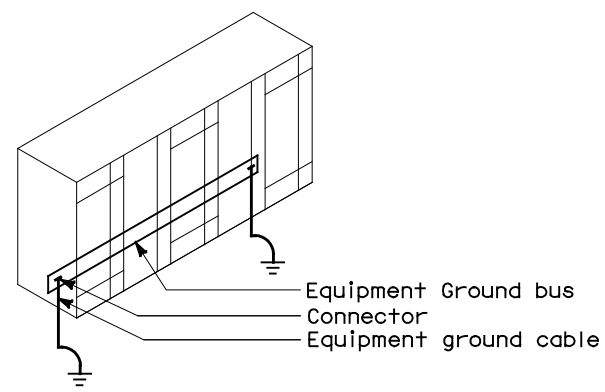
EXOTHERMIC CONNECTIONS (FIG. A THRU F)
DETAIL 1



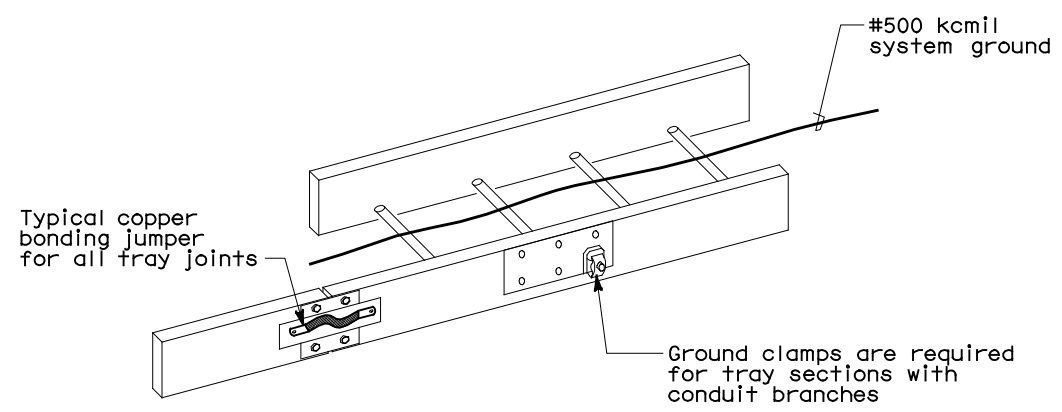
EQUIPMENT GROUND FOR CONTROL CABINETS AND RTU'S
DETAIL 2



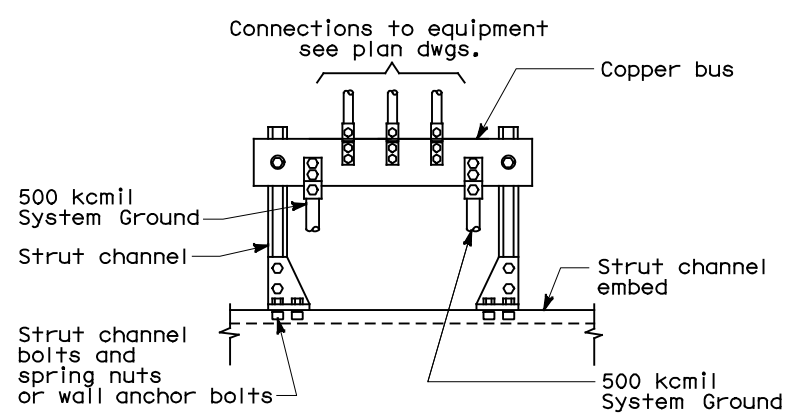
TRANSFORMER GROUNDING
DETAIL 3



All switchgear, low voltage control centers are furnished with a ground bus. Each end of the ground bus is grounded.
EQUIPMENT GROUND FOR SWITCHGEAR, LVCC
DETAIL 4



GROUNDING OF METALLIC 15kV CABLE TRAYS
DETAIL 5



GROUND BAR
DETAIL 6

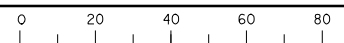
REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE						
03/08/10	MEP INTEGRATION	SYN	FW	110		
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#	
REVISIONS						

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

DETAILS
BRIDGE STRUCTURES GIRDER WESTBOUND
TYPICAL GROUNDING INSTALLATION-WB
NO SCALE

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DGN FILE => 04-0120f1_E-667.dgn
USERNAME => ilorico

CU 04251

EA 0120F1

DATE PLOTTED => 06-MAY-2010
TIME PLOTTED => 18:09
00-00-00